

19. [NEW] A connector module comprising:

a body;

a resilient member accommodating translational and rotational motion in more than one plane, said resilient member having a first end connected to said body and a second end;

a strut, said strut having a first end connected to said second end of said resilient member and a second end for connection to another structural element.

20. [NEW] A connector module as recited in claim 19, said another structural element comprising a second said connector module.

21. [NEW] A connector module as recited in claim 20, said another structural element comprising a second said strut.

22. [NEW] A connector module as recited in claim 19, said body comprising a counter bore, said resilient member being inserted into said counter bore.

23. [NEW] A connector module as recited in claim 22, said resilient member comprising a spring.

24. [NEW] A connector module as recited in claim 23, said spring providing relative movement between said connector module and said second connector module.

25. [NEW] A connector module as recited in claim 19, said strut comprising a telescoping member.

26. [NEW] A connector module as recited in claim 25, comprising an actuator to extend and contract said telescoping member.

27. [NEW] A connector module as recited in claim 22, said strut comprising a telescoping member.

28. [NEW] A connector module as recited in claim 27, comprising an actuator to extend and contract said telescoping member.

29. [NEW] A connector module as recited in claim 19, comprising an actuator to adjust a position of said resilient member.

30. [NEW] A connector module as recited in claim 25, comprising an actuator to adjust a position of said resilient member.

31. [NEW] A connector module as recited in claim 26, comprising an actuator to adjust a position of said resilient member.

32. [NEW] A connector module as recited in claim 27, comprising an actuator to adjust a position of said resilient member.

33. [NEW] A connector module as recited in claim 28, comprising an actuator to adjust a position of said resilient member.

34. [NEW] A connector module as recited in claim 19, said resilient member providing a degree of motion permitting said strut to move between a position in a first plane and a position in a second plane.

35. [NEW] A connector module as recited in claim 34, said strut comprising a telescoping member.

36. [NEW] A connector module as recited in claim 35, comprising an actuator to extend and contract said telescoping member.

37. [NEW] A connector module as recited in claim 36, comprising an actuator to adjust a position of said resilient member.

38. [NEW] A connector as recited in claim 19, said resilient member further accommodating axial motion.

39. [NEW] A connector module as recited in claim 38, said another structural element comprising a second said connector module.

40. [NEW] A connector module as recited in claim 39, said another structural element comprising a second said strut.

A₁
(cont.)

41. [NEW] A connector module as recited in claim 38, said body comprising a counter bore, said resilient member being inserted into said counter bore.

42. [NEW] A connector module as recited in claim 41, said resilient member comprising a spring.

43. [NEW] A connector module as recited in claim 42, said spring providing relative movement between said connector module and said second connector module.

44. [NEW] A connector module as recited in claim 38, said strut comprising a telescoping member.

A₁
(cont.) 45. [NEW] A connector module as recited in claim 44, comprising an actuator to extend and contract said telescoping member.

46. [NEW] A connector module as recited in claim 41, said strut comprising a telescoping member.

47. [NEW] A connector module as recited in claim 46, comprising an actuator to extend and contract said telescoping member.

48. [NEW] A connector module as recited in claim 38, said resilient member providing a degree of motion permitting said strut to move between a position in a first plane and a position in a second plane.

49. [NEW] A connector module as recited in claim 48, said strut comprising a telescoping member.

50. [NEW] A connector module as recited in claim 49, comprising an actuator to extend and contract said telescoping member.

51. [NEW] A connector module as recited in claim 48, comprising an actuator to adjust a position of said resilient member.

52. [NEW] A connector module as recited in claim 38 comprising an actuator to adjust a position of said resilient member.

53. [NEW] A connector module as recited in claim 38 comprising an actuator to adjust a position of said resilient member.

54. [NEW] A connector module as recited in claim 44 comprising an actuator to adjust a position of said resilient member.

55. [NEW] A connector module as recited in claim 45 comprising an actuator to adjust a position of said resilient member.

56. [NEW] A connector module as recited in claim 46 comprising an actuator to adjust a position of said resilient member.

57. [NEW] A connector module as recited in claim 47 comprising an actuator to adjust a position of said resilient member.

58. [NEW] A structure comprising a plurality of connector modules, each said connector module comprising;

a body;

a resilient member accommodating translational and rotational motion in more than one plane, said resilient member having a first end connected to said body and a second end;

a strut, said strut having a first end connected to said second end of said resilient member and a second end for connection to another structural element.

A,
(cont.)

59. [NEW] A structure as recited in claim 58, said strut comprising a telescoping member.

60. [NEW] A structure as recited in claim 59, comprising an actuator to extend and contract said telescoping member.

61. [NEW] A structure as recited in claim 58, comprising an actuator to adjust a position of said resilient member.

62. [NEW] A structure as recited in claim 59, comprising an actuator to adjust a position of said resilient member.

63. [NEW] A structure as recited in claim 60, comprising an actuator to adjust a position of said resilient member.

64. [NEW] A structure as recited in claim 58, said structure having an adjustable shape defined by connections between said second end of said strut and said another structural element and a position of said resilient member of at least one of said plurality of said connector modules.

65. [NEW] A structure as recited in claim 64, said structure being collapsible.

A,
(w-7) 66. [NEW] A structure as recited in claim 64, said strut of at least one of said plurality of connector modules comprising a telescoping member.

67. [NEW] A structure as recited in claim 66, comprising an actuator to extend and contract said telescoping member.

68. [NEW] A structure as recited in claim 67, comprising an actuator to adjust a position of said resilient member of at least one of said connector modules.

69. [NEW] A structure as recited in claim 64, comprising an actuator to adjust a position of said resilient member of at least one of said connector modules.

70. [NEW] A structure as recited in claim 58, said resilient member further accommodating axial motion.

71. [NEW] A structure as recited in claim 70, said strut comprising a telescoping member.

72. [NEW] A structure as recited in claim 71, comprising an actuator to extend and contract said telescoping member.

73. [NEW] A structure as recited in claim 72, comprising an actuator to adjust a position of said resilient member.

74. [NEW] A structure as recited in claim 58, said resilient member accommodating axial motion.

75. [NEW] A structure as recited in claim 59, said resilient member accommodating axial motion.

76. [NEW] A structure as recited in claim 60, said resilient member accommodating axial motion.

A,
(un-)

77. [NEW] A structure as recited in claim 61, said resilient member accommodating axial motion.

78. [NEW] A structure as recited in claim 62, said resilient member accommodating axial motion.

79. [NEW] A structure as recited in claim 63, said resilient member accommodating axial motion.

80. [NEW] A connector module comprising:

a body;

a resilient member accommodating axial, translational and rotational motion, said resilient member having a first end and a second end;

a telescoping strut having a first end connected to said second end of said resilient member and a second end, said second end being connectable to another structural element.

81. [NEW] A connector module as recited in claim 80, further comprising an actuator to extend and contract said telescoping strut.

82. [NEW] A connector module as recited in claim 81, comprising an actuator to adjust a position of said resilient member.

83. [NEW] A structure comprising a plurality of connector modules, each of said connector modules comprising:

a body;

a resilient member accommodating axial, translational and rotational motion, said resilient member having a first end and a second end;

a telescoping strut having a first end connected to said second end of said resilient member and a second end, said second end being connectable to another structural element.

84. [NEW] A structure as recited in claim 83, said structure assuming a plurality of shapes determined by relative positions of said resilient member and said telescoping strut of each of said connector modules.

85. [NEW] A structure as recited in claim 84, said structure assuming a first shape in two dimensions and a second shape in three dimensions.

86. [NEW] A structure as recited in claim 64, said structure assuming a first shape in two dimensions and a second shape in three dimensions.

87. [NEW] A structure as recited in claim 84, said resilient member of each of said connector modules being biased to cause said structure to assume a shape absent an external force.

88. [NEW] A structure as recited in claim 64, said resilient member of each of said connector modules being biased to cause said structure to assume a shape absent an external force.

A,
(condit)